

WHAT IS CLAIMED IS:

1. An image processing apparatus which can accept and parallelly execute a plurality of jobs, comprising:
  - a stop key for instructing to stop a job during
  - 5 job execution;
  - a console which allows a user to select any of jobs in a list displayed on a display unit; and
  - a controller for, when the user instructs to stop a job by said stop key, displaying a list of all jobs
  - 10 which are being executed on the display unit, and stopping a job selected from the list.
2. The apparatus according to claim 1, wherein when the user instructs to stop a job by said stop key, said controller pauses all jobs which are being executed,
- 15 displays a list of all the paused jobs on the display unit, and restarts execution of jobs which are not selected from the list, so as to stop the selected job.
3. The apparatus according to claim 1, wherein when the user instructs to stop a job by said stop key, said
- 20 controller checks the number of jobs which are being executed, stops a job if only one job is being executed, displays a list of all jobs which are being executed on the display unit if a plurality of jobs are being executed, and stops a job selected from the list.
- 25 4. The apparatus according to claim 1, further comprising appending means for appending arbitrary job

information to an input job in addition to the identification information.

5. An image processing apparatus which can accept and parallelly execute a plurality of jobs, comprising:

5 a stop key for instructing to stop a job during job execution;

a discrimination unit for discriminating a currently set stop mode when a user requests to stop a job by said stop key; and

10 a controller for stopping a job in accordance with the stop mode discriminated by said discrimination means.

6. The apparatus according to claim 5, wherein when the stop mode is a first mode, said controller stops an  
15 image scan job of the plurality of jobs.

7. The apparatus according to claim 5, further comprising:

a console which allows the user to select any of jobs in a list displayed on a display unit, and

20 wherein when the stop mode is a second mode, said controller stops an image scan job if no jobs other than the image scan job are found, and displays existing jobs on the display unit and deletes a job selected from the displayed jobs if print or  
25 communication jobs are found.

8. The apparatus according to claim 5, further comprising:

a console which allows the user to select any of jobs in a list displayed on a display unit, and

5 wherein when the stop mode is a third mode, if print or communication jobs are found, said controller displays existing jobs on the display unit, and deletes a job selected from the displayed jobs.

9. A method of controlling an image processing  
10 apparatus which can accept and parallelly execute a plurality of jobs, comprising:

the instruction step of instructing to stop a job during job execution;

the display/select step of displaying a list of  
15 jobs using identification information of the jobs, and allowing a user to select any of the jobs displayed in the list; and

the control step of controlling the  
display/select step to display a list of all jobs which  
20 are being executed when the user instructs to stop a job in the instruction step, and stopping a job selected from the list.

10. The method according to claim 9, wherein the control step includes the step of, when the user  
25 instructs to stop a job in the instruction step, pausing all jobs which are being executed, controlling

the display/select step to display a list of all the paused jobs, and restarting execution of jobs which are not selected from the list, so as to stop the selected job.

5 11. The method according to claim 9, wherein the control step includes the step of, when the user instructs to stop a job in the instruction step, checking if only one job is being executed, stopping a job if only one job is being executed, controlling the  
10 display/select step to display a list of all jobs which are being executed and stopping a job selected from the list if a plurality of jobs are being executed.

12. The method according to claim 9, further comprising the appending step of appending arbitrary  
15 job information to an input job in addition to the identification information.

13. A method of controlling an image processing apparatus which can accept and parallelly execute a plurality of jobs, comprising:  
20 the instruction step of instructing to stop a job during job execution;  
the discrimination step of discriminating a currently set stop mode when a user requests to stop a job in the instruction step; and

the control step of stopping a job in accordance with the stop mode discriminated in the discrimination step.

14. The method according to claim 13, wherein the  
5 control step includes the step of stopping an image scan job of the plurality of jobs when the stop mode is a first mode.

15. The method according to claim 13, further comprising:

10 the display/select step of displaying a list of jobs using identification information of the jobs, and allowing the user to select any of the jobs displayed in the list, and

wherein the control step includes the step of,  
15 when the stop mode is a second mode, stopping an image scan job if no jobs other than the image scan job are found, controlling the display/select step to display existing jobs and deleting a job selected from the displayed jobs if print or communication jobs are found.

20 16. The method according to claim 13, further comprising:

the display/select step of displaying a list of jobs using identification information of the jobs, and allowing the user to select any of the jobs displayed  
25 in the list, and

wherein the control step includes the step of,  
when the stop mode is a third mode, controlling the  
display/select step to display existing jobs and  
deleting a job selected from the displayed jobs if  
5 print or communication jobs are found.

17. A computer readable storage medium which stores a  
computer program for making a computer control an image  
processing apparatus which can parallelly execute a  
plurality of jobs, comprising:

10 a program code of the instruction step of  
instructing to stop a job during job execution;

a program code of the display/select step of  
displaying a list of jobs using identification  
information of the jobs, and allowing a user to select  
15 any of the jobs displayed in the list; and

a program code of the control step of controlling  
the display/select step to display a list of all jobs  
which are being executed when the user instructs to  
stop a job in the instruction step, and stopping a job  
20 selected from the list.

18. The medium according to claim 17, wherein the  
control step includes the step of, when the user  
instructs to stop a job in the instruction step,  
pausing all jobs which are being executed, controlling  
25 the display/select step to display a list of all the  
paused jobs, and restarting execution of jobs which are

not selected from the list, so as to stop the selected job.

19. The medium according to claim 17, wherein the control step includes the step of, when the user  
5 instructs to stop a job in the instruction step,  
-checking if only one job is being executed, stopping a job if only one job is being executed, controlling the display/select step to display a list of all jobs which are being executed and stopping a job selected from the  
10 list if a plurality of jobs are being executed.

20. The medium according to claim 17, further comprising the appending step of appending arbitrary job information to an input job in addition to the identification information.

15 21. A computer readable storage medium which stores a computer program for making a computer control an image processing apparatus which can parallelly execute a plurality of jobs, comprising:

a program code of the instruction step of  
20 instructing to stop a job during job execution;

a program code of the discrimination step of discriminating a currently set stop mode when a user requests to stop a job in the instruction step; and

a program code of the control step of stopping a  
25 job in accordance with the stop mode discriminated in the discrimination step.

22. The medium according to claim 21, wherein the control step includes the step of stopping an image scan job of the plurality of jobs when the stop mode is a first mode.

5 23. The medium according to claim 21, further comprising:

the display/select step of displaying a list of jobs using identification information of the jobs, and allowing the user to select any of the jobs displayed  
10 in the list, and

wherein the control step includes the step of, when the stop mode is a second mode, stopping an image scan job if no jobs other than the image scan job are found, controlling the display/select step to display  
15 existing jobs if print or communication jobs are found, and deleting a job selected from the displayed jobs.

24. The medium according to claim 21, further comprising:

the display/select step of displaying a list of  
20 jobs using identification information of the jobs, and allowing the user to select any of the jobs displayed in the list, and

wherein the control step includes the step of, when the stop mode is a third mode, controlling the  
25 display/select step to display existing jobs and



deleting a job selected from the displayed jobs if  
print or communication jobs are found.

25. A computer program for making a computer control  
an image processing apparatus which can parallelly

5 execute a plurality of jobs, comprising:

a program code of the instruction step of  
instructing to stop a job during job execution;

a program code of the display/select step of  
displaying a list of jobs using identification  
10 information of the jobs, and allowing a user to select  
any of the jobs displayed in the list; and

a program code of the control step of controlling  
the display/select step to display a list of all jobs  
which are being executed when the user instructs to  
15 stop a job in the instruction step, and stopping a job  
selected from the list.

26. The program according to claim 25, wherein the  
control step includes the step of, when the user  
instructs to stop a job in the instruction step,  
20 pausing all jobs which are being executed, controlling  
the display/select step to display a list of all the  
paused jobs, and restarting execution of jobs which are  
not selected from the list, so as to stop the selected  
job.

25 27. The program according to claim 25, wherein the  
control step includes the step of, when the user

instructs to stop a job in the instruction step,  
checking if only one job is being executed, stopping a  
job if only one job is being executed, controlling the  
display/select step to display a list of all jobs which  
5 are being executed and stopping a job selected from the  
list if a plurality of jobs are being executed.

28. The program according to claim 25, further  
comprising the appending step of appending arbitrary  
job information to an input job in addition to the  
10 identification information.

29. A computer program for making a computer control  
an image processing apparatus which can parallelly  
execute a plurality of jobs, comprising:

a program code of the instruction step of  
15 instructing to stop a job during job execution;

a program code of the discrimination step of  
discriminating a currently set stop mode when a user  
requests to stop a job in the instruction step; and

a program code of the control step of stopping a  
20 job in accordance with the stop mode discriminated in  
the discrimination step.

30. The program according to claim 29, wherein the  
control step includes the step of stopping an image  
scan job of the plurality of jobs when the stop mode is  
25 a first mode.

31. The program according to claim 29, further comprising:

the display/select step of displaying a list of jobs using identification information of the jobs, and  
5 allowing the user to select any of the jobs displayed in the list, and

wherein the control step includes the step of, when the stop mode is a second mode, stopping an image scan job if no jobs other than the image scan job are  
10 found, controlling the display/select step to display existing jobs if print or communication jobs are found, and deleting a job selected from the displayed jobs.

32. The program according to claim 29, further comprising:

15 the display/select step of displaying a list of jobs using identification information of the jobs, and allowing the user to select any of the jobs displayed in the list, and

wherein the control step includes the step of,  
20 when the stop mode is a third mode, controlling the display/select step to display existing jobs and deleting a job selected from the displayed jobs if print or communication jobs are found.